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- Alpha interferon; see Interferons**
- Altitude**  
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- Alzheimer's disease, blood supply**  
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- Alzheimer's disease, classification**  
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- Alzheimer's disease, diagnosis**  
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- Alzheimer's disease, drug therapy**  
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- Alzheimer's disease, epidemiology**  
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- Alzheimer's disease, genetics**  
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- Alzheimer's disease, immunology**  
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- Alzheimer's disease, metabolism**  
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- Alzheimer's disease, pathology**  
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- synaptic loss and plasticity in association cortex in Alzheimer's disease: an ultrastructural study (DeKosky and Scheff) 1990;28:218A
- Alzheimer's disease, physiopathology**  
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- Alzheimer's disease, radionuclide imaging**  
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- Alzheimer's disease, ultrastructure**  
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- Amino acids**  
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- Aminobutyrate aminotransferase**  
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- Aminopyridines**  
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- Amnesia**  
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- use of the children's orientation and amnesia test in the serial evaluation of moderate to severe pediatric traumatic brain injury patients (Schub and Turkheimer) 1990;28:431A
- AMP, cyclic; see Adenosine cyclic monophosphate**
- Amygdaloid body**  
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- Amyloid**  
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- Amyloid protein**  
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- Amyloidosis**  
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- Amyotrophic lateral sclerosis, diagnosis**  
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- Amyotrophic lateral sclerosis, etiology**  
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- Amyotrophic lateral sclerosis, genetics**  
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- Amyotrophic lateral sclerosis, immunology**  
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- Amyotrophic lateral sclerosis, metabolism**  
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- Amyotrophic lateral sclerosis, physiopathology**  
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- Anemia, sickle cell**  
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- Aneurysm, infected**  
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- Angiography**  
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- Angiokeratoma corporis diffusum**  
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- Anoxia**  
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- posthypoxic glucose supplement reduces hypoxic-ischemic brain damage in the neonatal rat (Hattori and Wasterlain) 1990;28:122
- reduction of perinatal brain injury with allopurinol treatment after hypoxic-ischemic injury (Palmer et al) 1990;28:411A
- vasoactive effects of phenobarbital during hypertension and hypoxia in newborn pigs (Goddard-Finegold and Michael) 1990;28:450A
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- characterization of motor neuron antigens that are targets for anti-Gal(B1-3)GalNAc antibodies (Lugaresi et al) 1990;28:270A
- IgM deposits at nodes of Ranvier in a patient with amyotrophic lateral sclerosis, anti-GM1 antibodies, and multifocal motor conduction block (Santoro et al) 1990;28:373
- paraneoplastic subacute cerebellar degeneration with a circulating antibody against neural and extraneurial tissues (Tomimoto et al) 1990;28:247A
- search for antibodies to neutral glycolipids in Guillain-Barré syndrome (Ilyas et al) 1990;28:244A
- Antibodies, monoclonal**
- murine antiepidermal growth factor monoclonal antibody ( $\alpha$ EGFr MAB 425) for the imaging and treatment of childhood brain tumors (Packer et al) 1990;28:418A
- OKT3 encephalopathy (Coleman and Norman) 1990;28:837
- regenerating and newly denervated muscle fibers express a specific N-CAM molecule recognized by monoclonal antibodies to NK cells (Illa et al) 1990;28:239A
- susceptibility to experimental autoimmune myasthenia gravis passively transferred with monoclonal anti-acetylcholine receptor antibody is dependent on recipient weight (DuPont and Richman) 1990;28:271A
- Antibodies, viral**
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- Anticardiolipin antibody; see Autoantibodies**
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- Anticonvulsants**
- $\beta$ -carboline abecarnil: anticonvulsant action in rodents and baboon, *Papio papio* (Tur斯基 et al) 1990;28:250A
- delayed anticonvulsant administration in the emergency department treatment of status epilepticus in children secondary to intravenous inaccessibility (Phillips and Shanahan) 1990;28:469A
- discontinuing antiepileptic drug therapy in children with epilepsy: effect of etiology on outcome (Shinnar et al) 1990;28:433A
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**Antiepileptic agents; see Anticonvulsants**

- Anti-Gal(B1-3)GalNAc antibodies; see Antibodies**
- Antigens; see also Autoantigens**

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**Anti-GM1 antibodies; see Antibodies****Anti-herpes simplex viral IgM antibody; see Antibodies, viral****Antineoplastic agents**

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outcome of children with medulloblastoma/primitive neuroectodermal tumors of the posterior fossa in the modern era: improved survival with adjuvant chemotherapy (Packer et al) 1990;28:442A

postoperative chemotherapy and delayed radiation therapy in infants with intracranial ependymomas: a POG group-wide protocol (Duffner et al) 1990;28:442A

**Antineuronal antibody; see Autoantibodies****Antiparkinson agents**

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presumed Joseph disease: three new kindreds and response to anti-Parkinson drugs (Subramony et al) 1990;28:233A

**Antiphospholipid antibodies; see Autoantibodies****Antiplatelet agents; see Platelet aggregation inhibitors****Anxiety**

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**Aphasia**

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**Arterial occlusive disease**

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rhinocerebral mucormycosis: management and survival after carotid occlusion (Galetta et al) 1990;28:103

**Arthrogryposis**

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- Artificial implant; see Implants, artificial**
- Aspartate**  
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- Aspirin**  
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- Astrocytes**  
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- Astrocytoma**  
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combined astrocytoma and cavernous angioma of the cerebellum in a patient with neurofibromatosis (Adesina et al) 1990;28:290A  
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- Astrogliosis; see Astrocytes**
- Ataxia**  
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- Atherosclerosis**  
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- Atrophy**  
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- Attention**  
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- Attention deficit disorder with hyperactivity**  
attention deficit profile in the developmental right hemi-sphere deficit syndrome (Sunder and DeMarco) 1990;28:420A  
double-blind, placebo-controlled stimulant trial in children with Tourette's syndrome and attention-deficit hyperactivity disorder (Konkol et al) 1990;28:424A  
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- Auditory evoked potentials; see Evoked potentials, auditory**
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- Autapses; see Synapses**
- Autism**  
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limbic system in perspective in autism (Minshew et al) 1990;28:421A  
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- Autoantibodies; see also Antibodies**  
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recurrent thromboembolic and stroke risk in patients with neurological events and antiphospholipid antibodies (Antiphospholipid Antibodies and Stroke Study Group) 1990;28:226A  
stiff-man syndrome-80: a variant associated with abnormal visual processing and a new antineuronal antibody (Darnell et al) 1990;28:219A
- Autoantigens; see also Antigens**  
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recombinant human autoantigen and mouse L cell transfection define the epitope and HLA class II restriction of a thymic T-cell clone in myasthenia gravis (Ong et al) 1990;28:240A  
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- Autoimmune diseases**  
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- immunization with GM1 or Gal(B1-3)GalNAc (Thomas et al) 1990;28:238A
- familial aggregation of autoimmune disease in multiplex multiple sclerosis kindreds (Doolittle et al) 1990;28:275A
- Automobile driving**
  - driving and Alzheimer's disease (Deiter and Wolf) (Letter); (Drachman) (Reply) 1990;28:591
  - driving performance in mild senile dementia of the Alzheimer type (Hunt et al) 1990;28:228A
  - effects of trauma and motor vehicle accidents on the progression of Parkinson's disease (Goetz and Stebbins) 1990;28:267A

- Autonomic nervous system diseases; see also specific diseases**
  - acute autonomic neuropathy associated with infectious mononucleosis (Ali) 1990;28:462A
  - autonomic involvement in extrapyramidal or cerebellar system disorders (Sandroni et al) 1990;28:236A
  - detection of early autonomic dysfunction in patients with familial amyloidotic polyneuropathy: analysis by the laser Doppler method (Ando et al) 1990;28:240A

**Axons**

- axon targeting potentials of layer 5 projection neurons across the developing cortex (Bicknese and O'Leary) 1990;28:449A
- axonal dystrophy in megacystis microcolon intestinal hypoperistalsis syndrome (Al-Rayess and Ambler) 1990;28:465A
- axonal neuropathy with monoclonal IgG kappa that binds to a neurofilament protein (Nemni et al) 1990;28:361
- effect of axotomy on latent herpes simplex virus (HSV) infection (Tenser et al) 1990;28:292A
- skin biopsy is useful for diagnosis of infantile neuroaxonal dystrophy (Ceuterick and Martin) 1990;28:109 (Letter)

**Azathioprine**

- azathioprine therapy and cancer risk in multiple sclerosis: a prospective long-term study (Amato et al) 1990;28:282A
- long-term azathioprine in the management of refractory myashenia gravis (Dwyer and Mayer) 1990;28:240A
- AZT; *see* Zidovudine

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- definition of B-cell epitopes in recombinant  $\alpha$ -subunit protein 1-210 of human nicotinic acetylcholine receptor (Sano et al) 1990;28:241A

**Babinski sign; *see* Reflex, Babinski****Baclofen**

- baclofen therapy may be associated with chorea in Alzheimer's disease (Crystal) 1990;28:839 (Letter)
- treatment of refractive dystonia with carbamazepine and high-dose baclofen combination therapy (Chez and Cruse) 1990;28:433A
- treatment of spastic dysarthria with baclofen: preliminary results in six cases (Urion) 1990;28:432A

**Bacterial endocarditis; *see* Endocarditis, bacterial****Bacterial meningitis; *see* Meningitis****Basal ganglia diseases**

- autonomic involvement in extrapyramidal or cerebellar system disorders (Sandroni et al) 1990;28:236A
- evaluation of early brain changes in corticobasal ganglionic degeneration (Wilson et al) 1990;28:267A, 1990;28:298A
- inborn errors of metabolism, movement disorders, and abnormalities of the basal ganglia (Horton et al) 1990;28:438A
- linear echodensities of the basal ganglia in newborn infants:

etiological and electroencephalographic findings (Hahn et al) 1990;28:452A

single-photon emission computed tomography imaging in corticobasal degeneration (Golbe) 1990;28:298A

**Becker muscular dystrophy; *see* Muscular dystrophy**

**Bedside diagnostic errors; *see* Diagnostic errors**

**Behavior, child; *see* Child behavior**

**Benign familial neonatal convulsions; *see* Convulsions**

**Benign intracranial hypertension; *see* Pseudotumor cerebri**

**Benzodiazepines**

benzodiazepine effects on regional cerebral blood flow are receptor mediated (Matthew et al) 1990;28:249A

endogenous benzodiazepines: identification, characterization, and their role in hepatic encephalopathy (Rothstein et al) 1990;28:219A

**Beta interferon; *see* Interferons**

**Bicuculline**

bicuculline-induced electrocorticographic and behavioral seizures in the immediately postnatal rat (Baram and Snead III) 1990;28:446A

**Bilirubin**

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neurodevelopmental outcome of preterm infants: neonatal neurosonographic and serum bilirubin studies (Graziani et al) 1990;28:452A

**Biochemical markers; *see* Biological markers**

**Biogenic amines**

altered cerebrospinal fluid levels of cortisol and biogenic amines in acquired immunodeficiency syndrome dementia complex versus asymptomatic seropositives; partial correction with zidovudine therapy (Singer et al) 1990;28:280A

**Biological markers**

$\alpha$ -1-antichymotrypsin as a possible biochemical marker for Alzheimer-type dementia (Matsubara et al) 1990;28:561

correlation of brain biochemical with pathologic changes in experimental stroke (de Courten-Myers et al) 1990;28:288A

**Biopsy**

skin biopsy is useful for diagnosis of infantile neuroaxonal dystrophy (Ceuterick and Martin) 1990;28:109 (Letter)

**Biopsy, needle**

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**Bioterpoin**

neonatal dystonic parkinsonism, a "stiff baby syndrome," in bioterpoin deficiency with hyperprolactinemia detected by newborn screening for hyperphenylalaninemia, and responsiveness to treatment (Allen et al) 1990;28:434A

**Blood-brain barrier**

glucose transporter and blood-brain barrier of human brain tumors (Guerin et al) 1990;28:758

levuglandins produce cerebral tissue damage and breakdown of the blood-brain barrier following intrahemispheric injection (Schmidley et al) 1990;28:291A

**Blood flow velocity**

changes in cerebral blood flow velocity in preterm infants with respiratory distress syndrome administered surfactant (Perlman et al) 1990;28:451A

evolutionary changes in cerebral blood flow velocity in infants with uncomplicated meningitis (Fischer et al) 1990;28:427A

**Blood transfusion**

nationwide survey of HTLV-I-associated myelopathy in

- Japan: association with blood transfusion (Osame et al) 1990;28:50
- Body weight**  
susceptibility to experimental autoimmune myasthenia gravis passively transferred with monoclonal anti-acetylcholine receptor antibody is dependent on recipient weight (DuPont and Richman) 1990;28:271A
- Books**
- Alzheimer's Disease: Towards an Understanding of the Aetiology and Pathogenesis; (Current Problems in Neurology Series)*, edited by Davies (Berg) 1990;28:596
  - Antiepileptic Drugs*, ed 3, edited by Levy et al (Labar) 1990;28:596
  - Brain Imaging: An Introduction*, by Bradshaw (Grossman) 1990;28:200
  - Craniopinal Magnetic Resonance Imaging*, by Pomeranz (Grossman) 1990;28:200
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  - quantitative electromyographic analysis of response to botulinum toxin therapy for spasmodic torticollis (Buchman et al) 1990;28:234A
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  - benzodiazepine effects on regional cerebral blood flow are receptor mediated (Matthew et al) 1990;28:249A
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**Dextrophan**

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